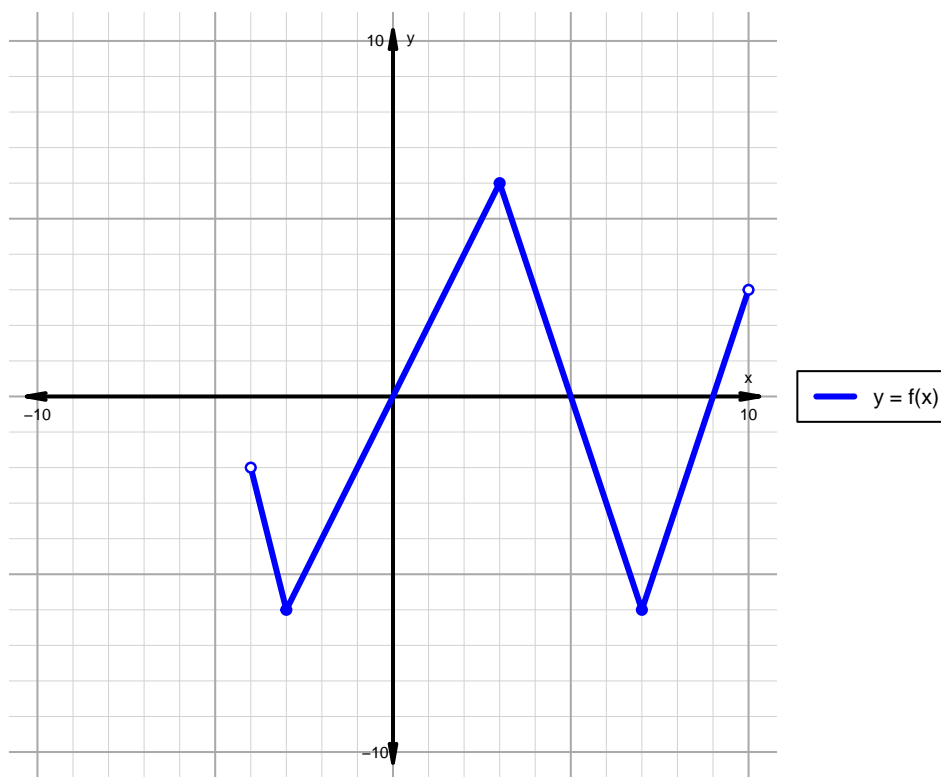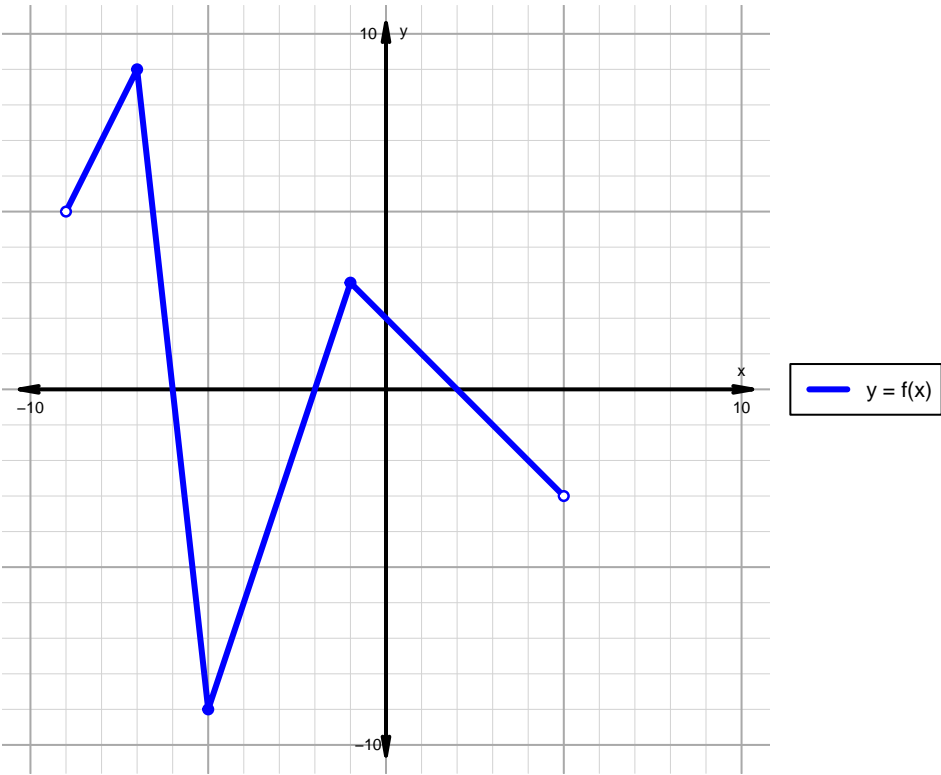# Function-Feature Intervals (version 16)

1. The function f is graphed below.

Indicate the following intervals using interval notation. Remember, you can use $\cup$ between two intervals to indicate the union. Except for range, all intervals will indicate x values; this is standard.

Feature	Where
Positive	$(0, 5) \cup (9, 10)$
Negative	$(-4, 0) \cup (5, 9)$
Increasing	$(-3, 3) \cup (7, 10)$
Decreasing	$(-4, -3) \cup (3, 7)$
Domain	$(-4, 10)$
Range	$(-6, 6)$

Function-Feature Intervals (version 16)

2. The function f is graphed below.

Indicate the following intervals using interval notation. Remember, you can use $\cup$ between two intervals to indicate the union. Except for range, all intervals will indicate x values; this is standard.

Feature	Where
Positive	$(-9, -6) \cup (-2, 2)$
Negative	$(-6, -2) \cup (2, 5)$
Increasing	$(-9, -7) \cup (-5, -1)$
Decreasing	$(-7, -5) \cup (-1, 5)$
Domain	$(-9, 5)$
Range	$(-9, 9)$